

Important Information

- When using electrical appliances, basic safety precautions should always be followed, including the following:
- Read all instructions.
- To protect against fire, electrical shock and personal injury, do not immerse cord, plug or appliance in water or other liquid.
- Close supervision is necessary when any appliance is used by or near children.
- Do not operate with a damaged cord or plug, or after the appliance malfunctions, or has been damaged in any manner. Return the appliance to the nearest authorized De' longhi service facility for examination, repair or adjustment.
- The use of accessory attachments or spare parts is not recommended by the appliance manufacturer. It may result in fire, electrical shock or personal injury.
- Do not use outdoors.
- Do not use the appliance for other than the intended use.
- Do not place any strain on the power cord. Avoid twisting and/or tangling.
- Ensure that outlet vent of exhaust hose is kept debris-clear and obstruction free.
- Ensure that ventilation holes on the rear of the machine and front louvers are not blocked.
- The Pinguino should not be installed where the atmosphere could contain combustible gases.
- Avoid using Pinguino in oily or sulphurous atmospheres or near sources of heat.
- Wait at least 3 minutes before restarting, after the airconditioner has been switched off or the thermostat setting changed.
- Before moving the airconditioner, remove tank and empty water from collectiong tray (see instructions for drainage at page 14).
- Do not place hot or heavy objects on the appliance.
- Clean air filter every week (see instructions at page 14).
- **Important:** If you need to use an extension cord, please be sure to use a **heavy duty** extension cord (minimum 14 gauge).

SAVE THESE INSTRUCTIONS

Dear user,

*We thank you for purchasing Pinguino airconditioner
and congratulate you on your wise choice.*

*For optimal results please read this manual carefully
before installing or operating.*

*We know that the Pinguino will keep your environment
pleasingly comfortable at all times.*

With best wishes

Specifications

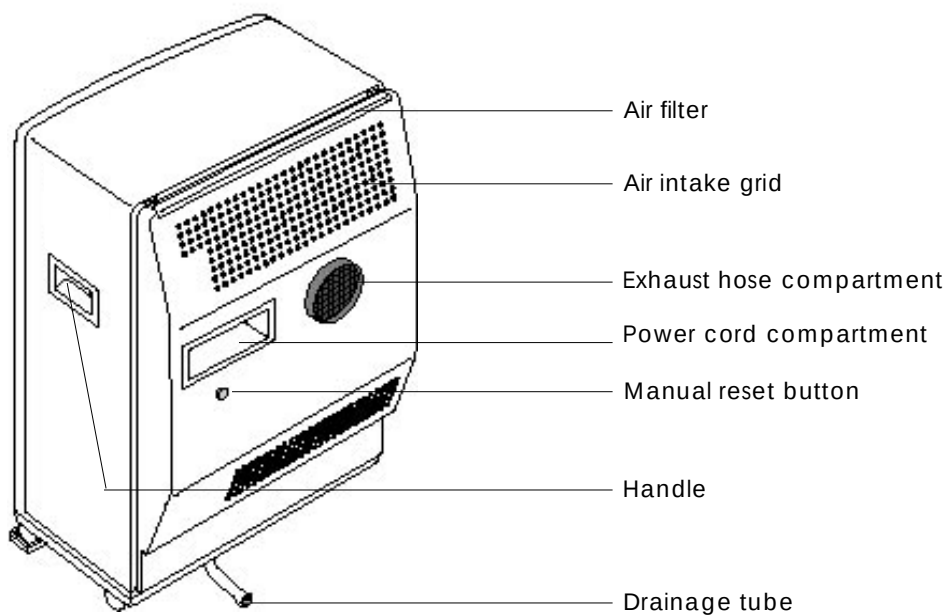
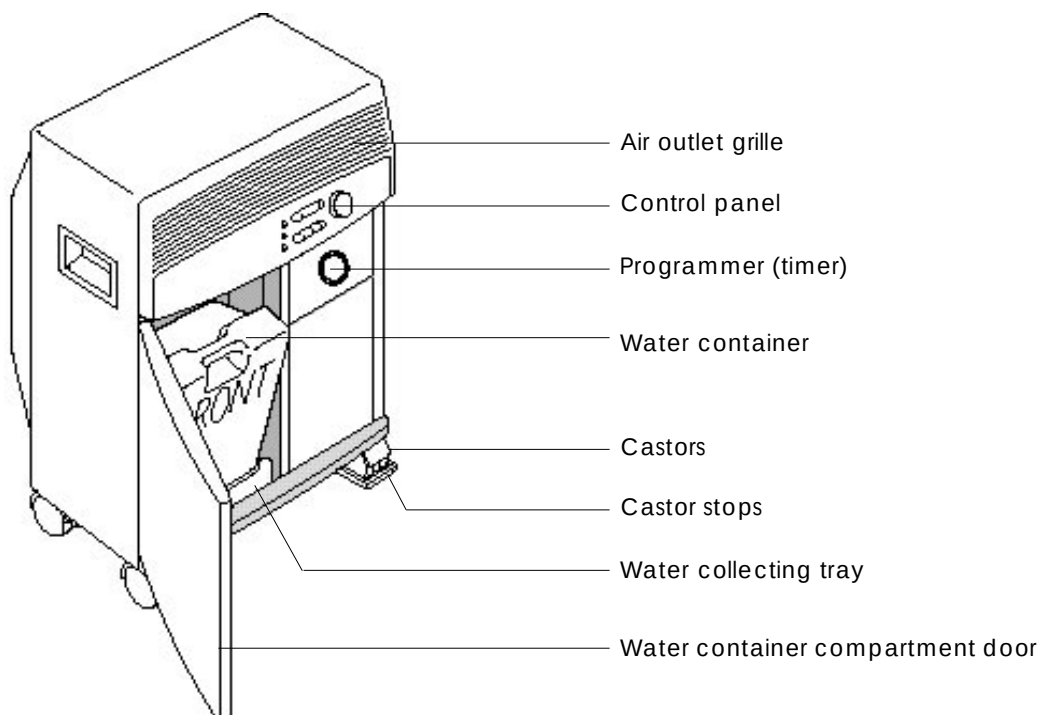
Power supply voltage	V	115
Frequency	Hz	60
Cooling capacity:		
With water	Btu	10000
Current consumption	A	6.5
Water tank capacity	pints	30.65
Room thermostat		adjustable
Dimensions:	width height depth	in. in. in.
		22.05" (560) 28.74" (730) 15.35" (410)
Net weight	lbs.	97
Refrigerant system	(freon)	R 22
Compressor protection		yes
Freon charge	lb. (gr)	see rating label

OPTIMUM OPERATING RANGE

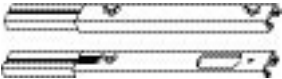
ROOM TEMPERATURE		21° - 35° C (70°F - 95°F)
ROOM HUMIDITY FACTOR		50% - 80% RH
POWER SUPPLY	FREQUENCY	60 HZ
	VOLTAGE	115V

Description of main features

ENGLISH



Illustrated accessory list

	DESCRIPTION	SUPPLIED
	Exhaust hose	1
	Permanent wall vent	1
	Caster stop	2
	Descaling fluid	1
	Window nozzle	1
	Window bracket + door bracket	1
	Suction disc	2
	Electrostatic filter	1

ACCESSORY CHECK

Check that all parts listed in Table are included.

Permanent installation

ENGLISH

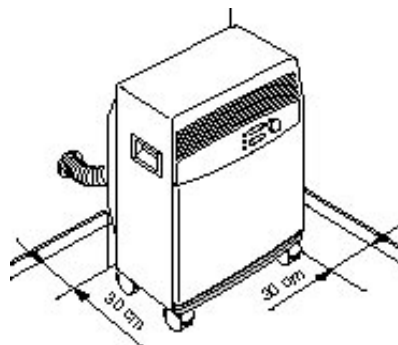
PERMANENT INSTALLATION

Our air-conditioner is portable and versatile: it can be used for a permanent installation or easily moved from one room to another.

In case of permanent installation, air discharged from rear hose has been extracted from the room where the appliance is installed.

Check that the room (especially if small) is "air-tight"; a drop in pressure would cause irregular functioning, which could consequently activate the reset switch. Air entering through door and window cracks is normally sufficient. If deemed necessary leave a door open (approx. 1/2 inch is enough).

The unit can also be used as a "temporary" installation for use in any room with a window or french window; this "temporary" installation can be used at any time until it is ready for permanent installation.



The appliance must be fitted at least 30 cm. from the surrounding walls.

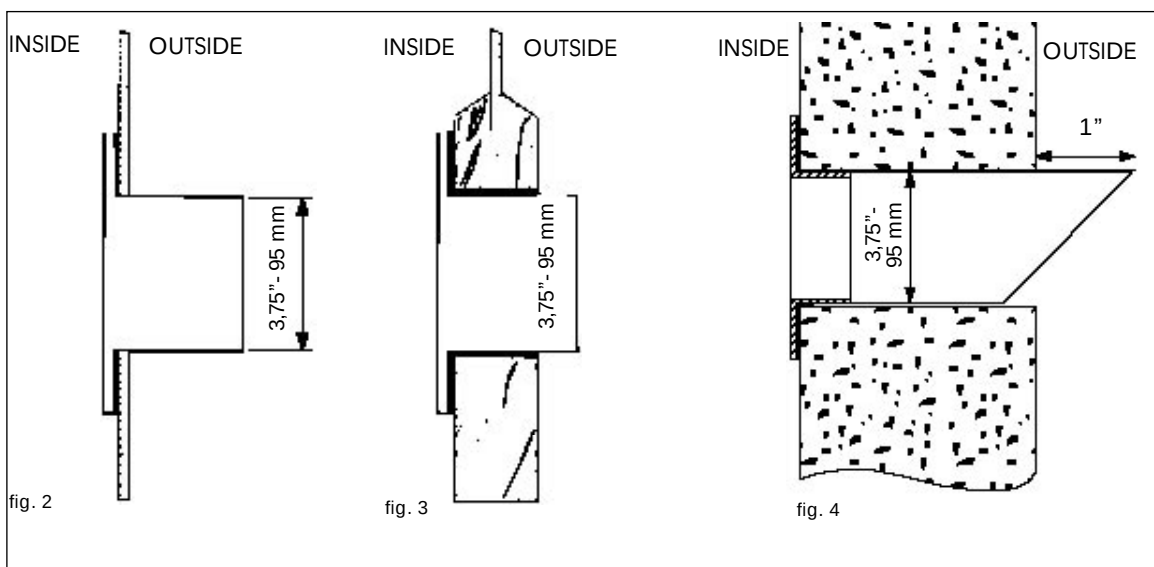
PERMANENT INSTALLATION WITH PLUG AND FLANGE

The outlet holes must be connected to the outside of the building and cannot be made in any wall or panel.

fig. 2
in a window pane

fig. 3
through the wooden base-
section of a door or window

fig. 4
through the wall



Temporary installation

Note: In both cases (permanent and temporary installations) make sure that the Pinguino is positioned on level ground. If necessary, use the two caster stops for the front casters

This installation makes it easy to use Pinguino in any room, provided there is a window or a door: it allows you to use the Pinguino immediately (Fig. 5).

Suction cups may be used to keep window or door closed (Fig. 6).

Pinguino is equipped with an adjustable window bracket. If you have a sliding window, place the bracket on the window sill, extend the bracket fully within the window frame and lower the window onto the bracket. Insert the nozzle of the exhaust hose into the slot, then connect the hose to the air conditioner (Fig. 7). With the wing nut, it's possible to use the window bracket also for sliding windows. Position the hole of the bracket so to allow a correct installation of the exhaust hose (see the following instructions).

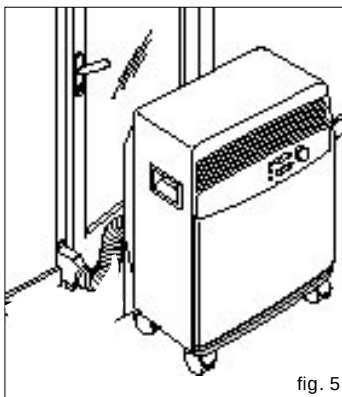


fig. 5

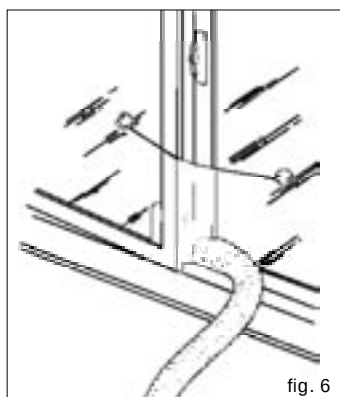


fig. 6

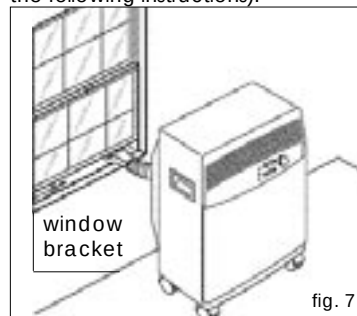


fig. 7

PREPARING THE UNIT FOR USE

- 1) Fit the exhaust tube in place; if your conditioner is supplied with a extendable tube, it is fitted as illustrated in the diagram.
- 2) For permanent installation, place the appliance near the wall or window outlet. Make sure it is standing on a level surface and fit the special shock absorbers/caster stops underneath the casters.

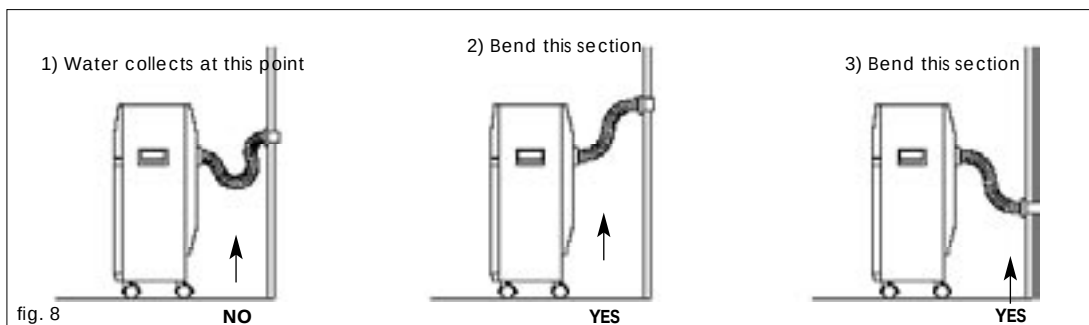
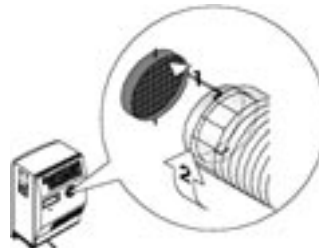


fig. 8

ELECTRICAL CONNECTION

Check that the power supply voltage is 115 V ~ 60 Hz.

Important: If you need to use an extension cord, please be sure to use a **heavy duty** extension cord (minimum 14 gauge).

Before connecting the Pinguino to a power supply, make sure that all switches on the front control panel are in the OFF position. Connect power cord found in storage compartment at rear of the Pinguino (Fig. 9).

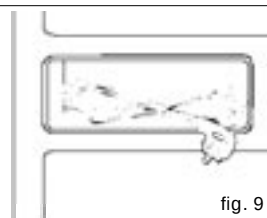


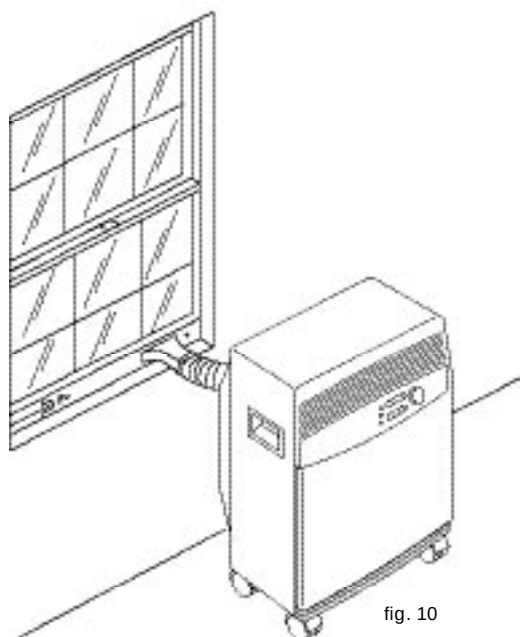
fig. 9

Setting up

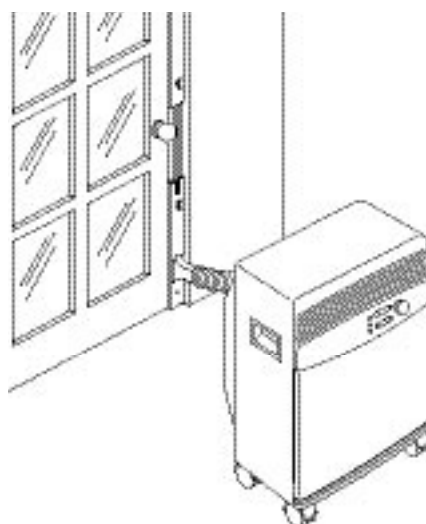
ENGLISH

Pinguino is equipped with an adjustable window bracket (18). If you have a sliding window, place the bracket on the window sill, extend the bracket fully within the window frame and lower the window onto the bracket. Insert the nozzle of the exhaust hose into the slot, then connect the hose to the air conditioner (Fig.10).

With the wing nut, it's possible to use the window bracket also for sliding windows. Position the hole of the bracket to allow for correction installation of the exhaust hose (see the following instructions).



If you have a sliding door, use the additional set provided in order to extend the accessory to the desired length; joining the two parts (fig. 11), adjust the total length according to your needs, then fit the bracket with the relevant nuts, close the door and connect the hose (fig. 12).



Final check

In order to obtain maximum performance from your air conditioner make sure that:



fig. 13

- Doors and windows of room to be air conditioned are closed (with the exception of temporary installation where a partially opened window is necessary).



fig. 15



fig. 14

- Shade the room as far as possible from direct sunlight by drawing curtains and/or lowering blinds or shutters, for economical and efficient air-cooling.



fig. 16

- Ensure that intake and outlet vents (fig. 2 and 3) are not blocked.
- Make sure there are no sources of heat in the room.

SPECIAL NOTE

This machine is designed to be used with or without water. Maximum performance is obtained using water.

HOW TO PREPARE WATER CONTAINER

Use only clean, salt-free tap water. The water is essential for the air cooling operation and is discharged in the form of steam through the exhaust outlet. A container full of water lasts for a period that depends on a number of conditions; such as temperature, humidity, insulation, sun exposure to the room, number of people present, etc. On average it will last approximately 7 to 10 hours.

When the container is empty, the appliance automatically changes function from water to air. At the same time, the quantity of air discharged from the rear hose will increase.

fig. 17



Open the water container compartment door, tip the container forwards and lift up to remove.



Remove the cap, pull out the extendable tube and fill the container, standing it on the floor.



After filling, replace the extendable tube, screw the cap on tightly and return the container to its place, making sure the word FRONT is facing out.

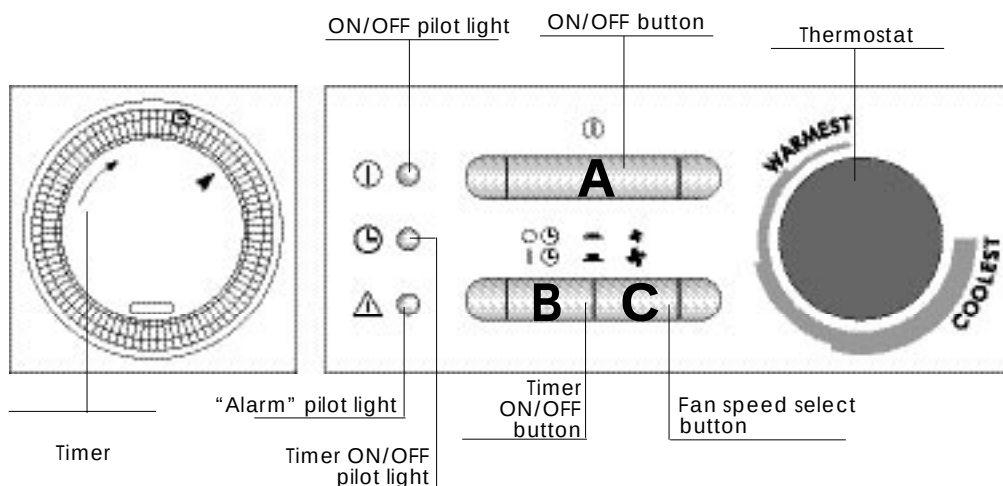
During "water condensation" cooling function and in particularly quiet surroundings (eg. bedroom), a slight gurgling noise may be heard. This is perfectly normal.

Warning: Do not use water containing salt, eg. seawater or water treated using softening systems that utilize table salt.

Description of Pinguino

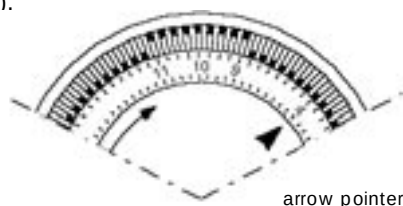
ENGLISH

DESCRIPTION OF PINGUINO PAC 360 CONTROLS



SETTING THE TIMER

The programmer/timer, like all clocks, must be set to the exact time. If for example it is 4.00 p.m., turn the dial in a clockwise direction (following the direction of the arrow) until the number 4 is lined up with the arrow pointer (the arrows indicates 4:00 p.m. approximately).



arrow pointer

Note: Never turn the dial in a counter-clockwise direction!

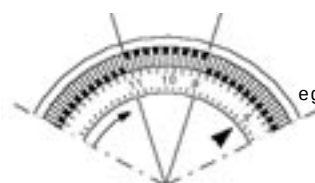
The timer is in effect, an electric clock and works only if the plug is connected to the power supply. Whenever the plug is disconnected or there is a power failure, the programmer stops (the clock is then "slow") and must be re-set.

The unit can be used in either **programmed** or **non-programmed** mode.

PROGRAMMED MODE

- 1) Release B timer button.
- 2) Set the operating times by pushing out the notches on the dial corresponding to the period required (each notch represents 15 min).
- 3) Check that the timer indicates the correct time (see instructions on setting).

Operating time



eg. from 9 to 11 a.m.

- 4) Select the desired function as shown in the chart.

The unit will now switch on and off each day at the selected times.

Note: To override the programmed operating times, simply press the ON/OFF key.

NON-PROGRAMMED MODE

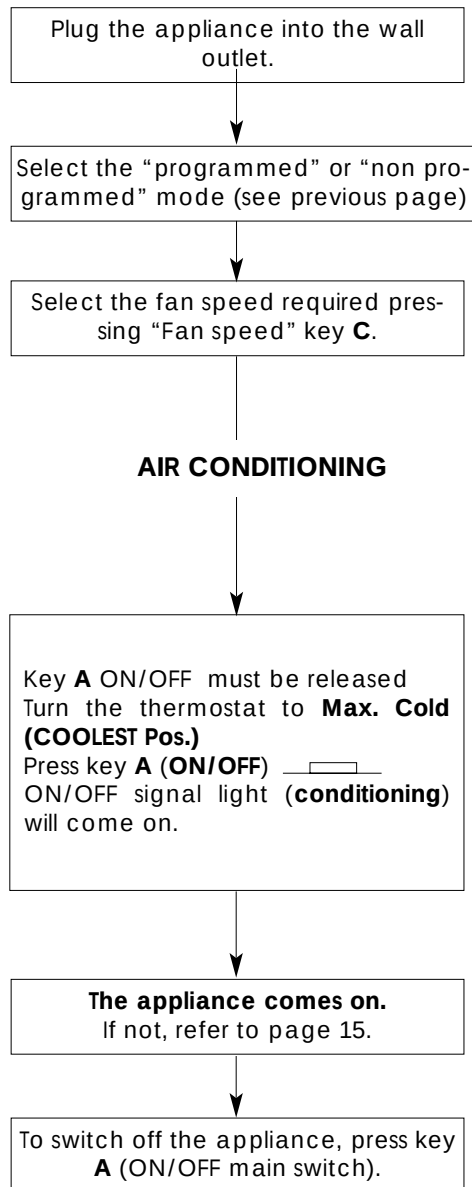
- 1) B TIMER button must be pressed ☐
- 2) Select the desired function as shown in the chart on the following page.

Note: For technical reasons, the temperature is not expressed in degrees but by a line increasing in thickness. We therefore recommend that when starting up the appliance, the thermostat be turned to maximum (thick line = maximum cold). When the desired temperature has been reached, turn the thermostat slowly away from the maximum cooling position until the appliance switches off. Leave the thermostat in this position. The air conditioner is now programmed to maintain the exact temperature at all times.

After switching the appliance off, wait at least 3 min. before switching on again.

How to start up the air conditioner

(see control panel on the previous page)



Maintenance

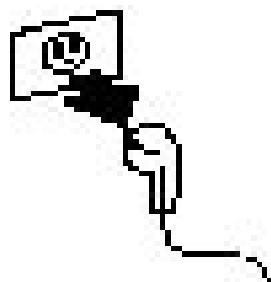


fig. 18

During cleaning and normal maintenance operations remember to disconnect plug.

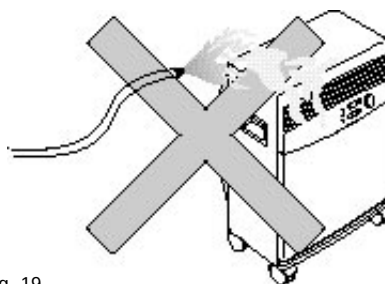


fig. 19

Under no circumstances should appliance be washed with running water. Damage could be caused to the electrical circuit.

CLEANING OF EXTERNAL HOUSING

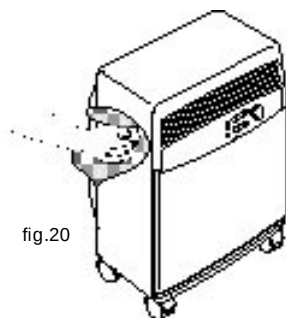


fig. 20

Clean with a damp cloth and dry thoroughly with a clean dry cloth.

Use only mild soap and water.
Do not use chemical cleaners.

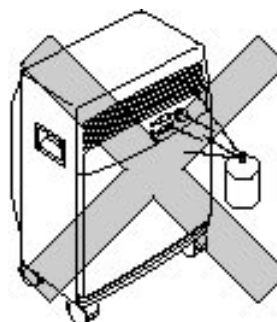
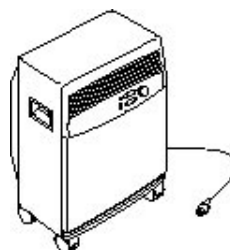


fig. 21

BEGINNING THE SEASON



Carefully follow installation procedure.



Check for any defects in power cord and plug.

fig. 22

CLEANING OF COLLECTING TRAY

- 1) Open water container compartment door and remove tank.
- 2) Keep the air conditioner working until the water level indicator light goes on.
- 3) Switch off the air conditioner and disconnect electrical plug.

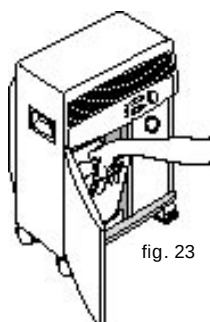


fig. 23



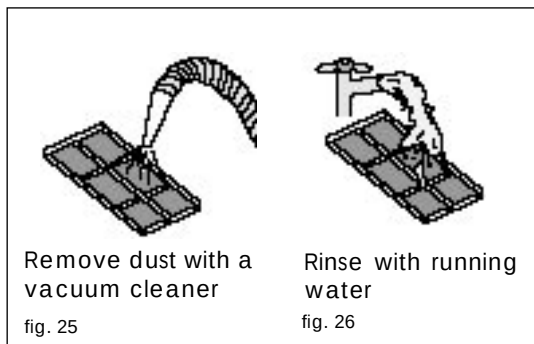
fig. 24

- 4) Remove plug from drainage tube, located at rear of appliance and empty water.
- 5) When draining is finished, **replace drainage tube plug.**
- 6) Remove sediment from the collecting tray by cleaning with a cloth.

Air filter cleaning

Maintenance of air filter

A clogged air filter reduces the quantity of circulating air and the efficiency of the appliance. Clean filter every week using a vacuum cleaner.



Cleaning procedure

To remove dust deposited on filter, use a vacuum cleaner. If it is very dirty, soak in lukewarm water and rinse thoroughly. The temperature of the water must be kept below 104°F. After washing, leave filter to dry before replacing.

Removal and replacement of air filter

Gently pull filter upwards.
Push down to replace.



fig. 27

ELECTROSTATIC FILTER

The appliance is equipped with an exclusive electrostatic filter.

If you want to use the electrostatic filter, remember to remove the anti-dust filter and replace it with the electrostatic.

The special high-efficiency electrostatic filter can capture very small particles (up to 0.3 microns in size). The filter is active in all of the functions.

Replace the filter at the end of each season, or when depleted. The filters are available at the authorized Dè Longhi service centers or Dè Longhi sales outlets.

Do not attempt to clean the electrostatic filter, as this may diminish its filtering capacity.

END OF SEASON OPERATIONS



fig. 28

- 1) Disconnect plug.
- 2) Remove tank and empty it.
- 3) Some water may remain in the tank. To avoid unpleasant odors, pour two spoons of bleach into the tank.

- 4) Drain water from collecting tray.
- 5) Remove exhaust hose.
- 6) Clean filter and dry well before replacing.
- 7) Cover appliance with a polyethylene bag to prevent dust from entering.

You can use the polyethylene bag included in the packaging.



fig. 29

Periodic maintenance

ENGLISH

Calcium deposits may build up on some working parts of Pinguino during operation. Monthly cleaning (more often in hard water areas) should be done per the following procedure:

- Unplug the machine. Remove the water tank.
- Remove drainage tube plug and empty water. Replace drainage tube plug and add 1/2 gallon clean water to the collecting tray.
- Empty contents of 15 fl oz (450ml) of Descaling Fluid into the collecting tray. Plug in the machine and operate until the collecting tray is empty (ca 2 h). Turn off and unplug machine.
- Drain the remaining liquid and replace the drainage tube plug.
- Refill the tank with clean water and replace in the machine.
- Plug in and turn on the machine. While the air conditioner is operating, unplug the drainage tube and drain until the water looks clean. Replace the drainage tube plug.

TROUBLESHOOTING

SYMPTOMS	CAUSE	SOLUTION
The Pinguino does not function:	- Power failure - Plug is disconnected - ON/OFF switch is off - Timer key is in STOP position	- Insert plug - Switch on - Release the TIMER key B
The Pinguino does not function - function fault warning light is on ("Alarm" light) After correcting problem, press reset button (see pag. 5)	- Exhaust hose blocked - Exhaust hose twisted or bent - Ventilation holes on the rear of the machine or front louvers blocked	- Check for obstruction of air outlet vent - Eliminate irregularities - Remove obstacles to allow proper airflow
The Pinguino produces cold air but room does not maintain comfortable temperature:	- Window open - Air exhaust hose has become disconnected - Thermostat set too low - Air filter blocked - Water tank empty	- Close window - Re-insert exhaust hose - Set thermostat to higher number - Clean filter - Refill it

SERVICING

In case of malfunction turn off and disconnect the Pinguino from power outlet and contact a Dè Longhi Service Center for qualified assistance, toll-free number 1-800-322-3848 for U.S. or 1-888-335-6644 for Canada.

Warranty

FOR UNITED STATES ONLY:



LIMITED WARRANTY

We warrant each DE'LONGHI air conditioner to be free from defects in material and workmanship. Our obligation under this warranty is to provide one year parts and labor free from purchase date, with an additional four (4) years on any part of the sealed system consisting of the compressor, evaporator, condenser and factory connected refrigerant tubing. This warranty shall apply only if the AIR CONDITIONER is used in accordance with the factory directions which accompany it, and on Alternating Current (AC) circuit. This warranty is in lieu of all other warranties and representations, expressed or implied, and all other obligations or liabilities on our part. We do not authorize any other person or company to assume for us any liability in connection with the sale or use of our AIR CONDITIONER. This warranty shall not apply to assume for us any liability in connection with the sale or use of our AIR CONDITIONER. This warranty shall not apply to any AIR CONDITIONER which shall have been repaired or altered outside our factory nor shall it apply to any AIR CONDITIONER which has been subjected to misuse, negligence or accidents.

If repairs become necessary or spare parts are needed, please write to:

De'Longhi America Inc.
 Park 80 West Plaza One 4th floor
 Saddle Brook, NJ 07663
 or call Service Tel. No. 1-800-322-3848

FOR CANADA ONLY:



GARANTIE

Nous garantissons que tous les appareils électriques DE'LONGHI sont exempts de tout défaut de matériaux et de manufacture. Notre obligation sous cette garantie est limitée au remplacement ou à la réparation, gratuit en notre usine, de toutes les pièces défectueuses autres que les pièces endommagées durant le transport, qui nous seront retournées - transport payé d'avance - endéans un an après la livraison à l'acheteur-utilisateur. Cette garantie ne sera applicable que si l'appareil a été utilisé selon les instructions du fabricant qui accompagnent l'appareil, et sur courant alternatif (AC). Cette garantie remplace toutes autres garanties et représentations, exprimées ou implicites, et toutes autres obligations ou responsabilités de notre part. Nous n'autorisons aucune autre personne ou compagnie à assumer pour nous une quelconque responsabilité en relation avec la vente ou l'utilisation de nos appareils. Cette garantie ne s'appliquera ni aux appareils qui seront réparés ou endommagés hors de notre usine, ni aux appareils qui auront été sujets à une mauvaise utilisation, à une négligence ou à un accident.

Si des réparations ou des pièces de rechange sont nécessaires, vous êtes priés d'écrire à:

SERVICE	DE'LONGHI CANADA
PH. N° 1-888-335-6644	1040 RONSA COURT
	L4W 3Y4 CANADA